

**DIMENTION AND WEIGHT OF HDPE PIPES AS PER IS:4984-1995**

**PE 100**

Out side Dia (mm)	Tolerance on out side Dia (mm)	Ovality mm	Wall thickness pipe in mm and weight in Gm. Per meter																				
			PN 2.5			PN4			PN 6			PN 8			PN 10			PN 12.5			PN 16		
			MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG
20	0.3	1.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.30	2.80	2.55
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	122.1	144.5	133.5
25	0.3	1.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.30	2.80	2.55	2.90	3.40	3.15
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	156.6	186.5	171.7	192.3	220.3	206.5
32	0.3	1.3	---	---	---	---	---	---	---	---	---	---	---	---	2.40	2.90	2.65	2.90	3.40	3.15	3.70	4.30	4.00
			---	---	---	---	---	---	---	---	---	---	---	---	213.1	253.2	233.3	253.2	291.7	272.6	314.1	357.3	336
40	0.4	1.4	---	---	---	---	---	---	---	---	2.40	2.90	2.65	3.00	3.50	3.25	3.70	4.30	4.00	4.60	5.30	4.95	
			---	---	---	---	---	---	---	---	270.7	322.8	296.9	333	383.3	358.3	402.9	460.5	432	488.5	551.7	520.5	
50	0.5	1.4	---	---	---	---	---	---	2.30	2.80	2.55	3.00	3.50	3.25	3.70	4.30	4.00	4.60	5.30	4.95	5.70	6.50	6.10
			---	---	---	---	---	---	329.1	396.5	363	423	488.3	455.8	513.9	589.5	552	626.5	710.7	669	757.5	848.3	803.4
63	0.6	1.5	---	---	---	---	---	---	2.90	3.40	3.15	3.80	4.40	4.10	4.70	5.40	5.05	5.70	6.50	6.10	7.10	8.10	7.60
			---	---	---	---	---	---	522.9	607.9	565.6	674.9	773.5	724.5	822	933.1	877.9	979.8	1102	1041	1191	1334	1263
75	0.7	1.6	---	---	---	---	---	---	3.50	4.10	3.80	4.50	5.20	4.85	5.60	6.40	6.00	6.80	7.70	7.25	8.50	9.60	9.05
			---	---	---	---	---	---	750.8	872.1	811.7	951.8	1089	1021	1166	1317	1242	1391	1555	1474	1696	1884	1791
90	0.9	1.8	---	---	---	---	---	---	4.10	4.80	4.45	5.40	6.20	5.80	6.70	7.60	7.15	8.20	9.30	8.75	10.20	11.50	10.85
			---	---	---	---	---	---	1057	1227	1142	1371	1559	1465	1674	1879	1777	2012	2252	2133	2442	2708	2576
110	1.0	2.2	---	---	---	---	---	---	5.00	5.70	5.35	6.60	7.50	7.05	8.10	9.20	8.65	10.00	11.20	10.60	12.40	13.90	13.15
			---	---	---	---	---	---	1575	1784	1680	2047	2306	2177	2476	2782	2630	3000	3320	3161	3631	4007	3821
125	1.2	2.5	---	---	---	---	---	---	5.70	6.50	6.10	7.50	8.50	8.00	9.20	10.40	9.80	11.30	12.70	12.00	14.10	15.80	14.95
			---	---	---	---	---	---	2040	2311	2176	2644	2971	2808	3196	3576	3387	3854	4279	4068	4691	5176	4936
140	1.3	2.8	---	---	---	---	---	---	6.40	7.30	6.85	8.40	9.50	8.95	10.30	11.60	10.95	12.70	14.20	13.45	15.80	17.60	16.70
			---	---	---	---	---	---	2565	2906	2736	3316	3719	3519	4008	4468	4239	4850	5359	5106	5887	6463	6177
160	1.5	3.2	---	---	---	---	---	---	7.30	8.30	7.80	9.60	10.80	10.20	11.80	13.20	12.50	14.50	16.20	15.35	18.10	20.20	19.15
			---	---	---	---	---	---	3344	3777	3561	4332	4834	4584	5246	5813	5531	6329	6989	6661	7705	8472	8092
180	1.7	3.6	---	---	---	---	---	---	8.20	9.30	8.75	10.80	12.10	11.45	13.30	14.90	14.10	16.30	18.20	17.25	20.30	22.60	21.45
			---	---	---	---	---	---	4226	4763	4495	5482	6095	5790	6651	7380	7018	8005	8834	8422	9726	10672	10203
200	1.8	4.0	---	---	---	---	---	---	9.10	10.30	9.70	12.00	13.40	12.70	14.80	16.50	15.65	18.10	20.20	19.15	22.60	25.10	23.85
			---	---	---	---	---	---	5212	5862	5538	6768	7501	7136	8223	9083	8655	9877	10896	10390	12028	13170	12604
225	2.1	4.5	---	---	---	---	---	---	10.30	11.60	10.95	13.50	15.10	14.30	16.60	18.50	17.55	20.40	22.70	21.55	25.40	28.20	26.80
			---	---	---	---	---	---	6634	7426	7032	8566	9508	9039	10378	11461	10922	12522	13777	13153	15210	16649	15935
250	2.3	5.0	---	---	---	---	---	---	11.40	12.80	12.10	15.00	16.70	15.85	18.40	20.50	19.45	22.60	25.10	23.85	28.20	31.30	29.75
			---	---	---	---	---	---	8160	9108	8636	10575	11688	11134	12784	14114	13453	15418	16935	16181	18764	20536	19657
280	2.6	9.8	---	---	---	---	---	---	12.80	14.30	13.55	16.80	18.70	17.75	20.60	22.90	21.75	25.30	28.10	26.70	31.60	35.00	33.30
			---	---	---	---	---	---	10260	11399	10831	13265	14659	13965	16031	17663	16851	19332	21235	20289	23548	25725	24645
315	2.9	11.1	---	---	---	---	---	---	14.40	16.10	15.25	18.90	21.00	19.95	23.20	25.80	24.50	28.50	31.60	30.05	35.50	39.30	37.40
			---	---	---	---	---	---	12986	14437	13714	16789	18522	17659	20309	22384	21352	24496	26866	25688	29767	32505	31147